

PENDING CLAIMS

Listing of Claims:

1. (Original) A subscriber station apparatus for set management in a broadcast communication system, comprising:

means for receiving a first list identifying a first set of sectors;

means for measuring a quality metric of a forward link transmitted by each identified sector;

means for removing from said first list an identifier of a sector whose measured quality metric exceeds a first predetermined level;

means for placing the identifier of the sector into a second list;

means for generating a third list identifying a third set of sectors identifying all sectors unlisted in the first set or the second set;

means for removing from the third set an identifier of a sector whose measured quality metric exceeds the first predetermined level; and

means for placing the identifier of the sector in the second list

2. (Original) A subscriber station apparatus for set management in a broadcast communication system, comprising:

means for receiving a first list identifying a first set of sectors;

means for measuring a quality metric of a forward link transmitted by each sector identified in the first list;

means for removing from said first list an identifier of a sector whose measured quality metric exceeds a first predetermined level;

means for placing the identifier of the sector in [the] a second list; and

means for generating a third list identifying a third set of sectors in accordance with said measured quality metric, comprising:

means for removing from said second list an identifier of a sector whose measured quality metric exceeds a second predetermined level; and

means for placing the identifier of the sector in the third list.

3. (Original) The subscriber station apparatus of claim 2, further comprising:

means for removing from said second list an identifier of a sector whose measured quality metric falls below the first predetermined level; and

means for placing the identifier of the sector in the first list.

4. (Currently Amended) A subscriber station apparatus for set management in a broadcast communication system, comprising:

means for receiving a first list identifying a first set of sectors;

means for measuring a quality metric of a forward link transmitted by each sector identified in the first list;

means for removing from said first list an identifier of a sector whose measured quality metric exceeds a first predetermined level;

means for placing the identifier of the sector in ~~[[the]]~~ a second list; and

means for generating a third list identifying a third set of sectors in accordance with said measured quality metric, comprising:

means for starting a timer when an identifier of a sector is placed in the second list;

means for removing from said second list the identifier of the sector when said timer expires and the sector's quality metric is above the second predetermined level; and

means for placing the identifier of the sector in the third list.

5. (Original) The subscriber station apparatus of claim 4, further comprising:

means for stopping the timer when the sector's quality metric falls below the second predetermined level.

6. (Original) The subscriber station apparatus of claim 5, further comprising:
means for removing from said second list the identifier of the sector when the sector's quality metric falls below the first predetermined level; and
means for placing the identifier of the sector in the first list.
7. (New) An apparatus for set management in a broadcast communication system, comprising:
a receiver for receiving a first list identifying a first set of sectors;
a measuring device for measuring a quality metric of a first forward link transmitted by each identified sector;
an apparatus for removing from said first list an identifier of a sector whose measured quality metric exceeds a first predetermined level;
an apparatus for placing the identifier of the sector into a second list;
a generating apparatus for generating a third list identifying a third set of sectors identifying all sectors unlisted in the first set or the second set;
an apparatus for removing from the third set an identifier of a sector whose measured quality metric exceeds the first predetermined level; and
apparatus for placing the identifier of the sector in the second list.
8. (New) An apparatus for set management in a broadcast communication system, comprising:
receiver for receiving a first list identifying a first set of sectors;
a measuring device for measuring a quality metric of a forward link transmitted by each sector identified in the first list;
an apparatus for removing from said first list an identifier of a sector whose measured quality metric exceeds a first predetermined level;
an apparatus for placing the identifiers of the sector in a second list;
an apparatus for generating a third list identifying a third set of sectors in accordance with said quality metric, comprising;

apparatus for removing from said second list an identifier of a sector whose measured quality metric exceeds a second predetermined level; and

apparatus for placing the identifier of the sector in the third list.

9. (New) The apparatus of claim 8, further comprising:

an apparatus for removing from said second list an identifier of a sector whose measured quality metric falls below the first predetermined level; and

apparatus for placing the identifier of the sector in the first list.

10. (New) An apparatus for set management in a broadcast communication system, comprising:

receiver for receiving a first list identifying a first set of sectors;

a measuring device for measuring a quality metric of a forward link transmitted by each sector identified in the first list;

an apparatus for removing from said first list an identifier of a sector whose measured quality metric exceeds a first predetermined level;

an apparatus for placing the identifier of the sector in a second list; and

a generating apparatus for generating a third list identifying a third set of sectors in accordance with said measured quality metric, comprising;

a timer initiator for starting a timer when an identifier of a sector is placed in the second list;

an apparatus for removing from said second list the identifier of the sector when said timer expires and the sector's quality metric is above the second predetermined level; and

an apparatus for placing the identifier of the sector in the third list.

11. (New) The apparatus of claim 10, further comprising:

a timer stopping device for stopping the timer when the sector's quality metric falls below the second predetermined level.

12. (New) The apparatus of claim 11, further comprising;
an apparatus for removing from said second list the identifier of the sector when the sector's quality metric falls below the first predetermined level; and
an apparatus for placing the identifier of the sector in the first list.